13. (Amended) The reforming apparatus specified in Claim 10, wherein the reforming tubes (13) can be freely removed and replaced.

14. (Amended) The reforming apparatus specified in Claim 10, wherein a fuel trap unit (138) is disposed between the manifold (116) and the CO removal unit (124), to remove fuel gas from the reformed gas (118).

15. (Amended) The reforming apparatus specified in Claim 10, wherein the manifold (116) comprises a feed tube (142) for feeding oxygen, air or steam to the reformed gas (118) sent to the CO removal unit (124).

IN THE ABSTRACT:

At page 48 of the specification, replace the section entitled "Abstract" with the following:

A gas mixture containing a fuel, water and air is supplied to one end of a reforming room, and a reformed gas containing hydrogen is discharged from the other end thereof. Two or more such reforming units are connected in series, and the upstream part of each reforming room is filled with a first catalyst which catalyzes a partial oxidation reaction in an oxygen-rich environment, and the downstream part is filled with a second catalyst which performs the reforming reaction. The gas mixture which has been heated in a heating unit passes through a distribution tube and is distributed evenly to the reforming units. The reforming room is composed of a reforming tube in which a reforming catalyst is charged, or two or more such

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reforming tubes, parallel to each other. After being reformed the high-temperature reformed gas is passed around the reforming tubes, and fed back to a manifold.